BRUHATH BANGALORE MAHANAGAR PALIKE

Dasarahalli Sub-Division

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10 cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no 14 in Dasarahalli Assembly constituency

Measurement Sheet

Name of The Contractor	: Sri. B M Kiran	Job Code	: 014-20-000098
Work Order No.	: EE/DD/WO/74/2021-22 Dt: 16.12.2021	Head Of Account	: P-3296
Date Of Measurement	:		

It.No.	Description of Items	No	L	W	D	Qty	Unit
1	2	3	4	5	6	7	8
54	KSRRB M500-17. Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 505 of MORTH V revision - do - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen(Page No. 159, I.No. 21.17.6 of KPWD S.R 2018-19).						
	Asphalt Road						
	Ramaiah layout						
	11th Main Sri H.D.Devegowda Enclave						
	Chainage-0-30	1	30.00	(6.9+7.00)/2	0.05	10.43	
	Chainage-30-60	1	30.00	(7.00+7.00)/2	0.05	10.50	
	Chainage-60-90	1	30.00	(7.00+7.30)/2	0.05	10.73	
	Chainage-90-120	1	30.00	(7.30+7.20)/2	0.05	10.88	
	Chainage-120-150	1	30.00	(7.20+7.20)/2	0.05	10.80	
	Chainage-150-180	1	30.00	(7.20+7.20)/2	0.05	10.80	
	Chainage-180-210	1	30.00	(7.20+7.30)/2	0.05	10.88	
	Chainage-210-228	1	18.00	(7.30+7.00)/2	0.05	6.44	
	Total Quantity					81.44	Cum
	Sanctioned Quantity As Per Schedule-B					79.80	Cum
	Quantity Limitted to					79.80	Cum

Contractor

Asst. Engineer 21/03/22

Asst.Executive Engineer 21/3/22

BRUHATH BANGALORE MAHANAGAR PALIKE

Dasarahalli Sub-Division

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10 cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no 14 in Dasarahalli Assembly constituency

Measurement Sheet

Name of The Contractor	: Sri. B M Kiran	Job Code	: 014-20-000098
Work Order No.	: EE/DD/WO/74/2021-22 Dt: 16.12.2021	Head Of Account	: P-3296
Date Of Measurement	:		

It.No.	Description of Items	No	L	W	D	Qty	Unit
1	2	3	4	5	6.000	7	8
55	KSRRB M500-19. Providing and laying bituminous concrete using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction in all respects complete as per specifications. Clause 507 of MORTH V revision - do - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 40 mm) with 5.4% VG-30 Bitumen(Page No. 162, I.No. 21.22.6 of KPWD S.R 2018-19).						
	Asphalt Road						
	Ramaiah layout						
	11th Main Devegowda Enclave						
	Chainage-0-30	1	30.00	(6.9+7.00)/2	0.03	6.26	
	Chainage-30-60	1	30.00	(7.00+7.00)/2	0.03	6.30	
	Chainage-60-90	1	30.00	(7.00+7.30)/2	0.03	6.44	
	Chainage-90-120	1	30.00	(7.30+7.20)/2	0.03	6.53	
	Chainage-120-150	1	30.00	(7.20+7.20)/2	0.03	6.48	
	Chainage-150-180	1	30.00	(7.20+7.20)/2	0.03	6.48	
	Chainage-180-210	1	30.00	(7.20+7.30)/2	0.03	6.53	
	Chainage-210-228	1	18.00	(7.30+7.00)/2	0.03	3.86	
	Total Quantity					48.86	Cum
	Sanctioned Quantity As Per Schedule-B					47.88	Cum
	Quantity limited To					47.88	Cum

Contractor

Asst. Engineer 22/03/22

Asst.Executive Engineer

BRUHATH BANGALORE MAHANAGAR PALIKE

Dasarahalli Sub-Division

Name of Work : Construction CC drain and other development works at 6th cross construction of road footpath and Bagalagunte 9th 10 cross roads. drilling of Borewells and pipelines at selected area and Construction and repairs UGD in Bagalagunte ward no 14 in Dasarahalli Assembly constituency

Measurement Sheet

Name of The Contractor	: Sri. B M Kiran	Job Code	: 014-20-000098
Work Order No.	:EE/DD/WO/74/2021-22 Dt: 16.12.2021	Head Of Account	: P-3296
Date Of Measurement	:		

It.No.	Description of Items	No	L	W1	W2	Avg W	D	Qty	Unit
1	2	3	4				6	7	8
56	Constructing un-reinforced, plain cement concrete for pavements using Grade concrete M30 over a prepared base with OPC coarse aggregate at 0.69 cum, fine aggregates at 0.46 cum,Coarse and fine aggregate conforming to IS:383-2016, with Superplastizer at 3 lts conforming to IS 9103-2008. mixed in a concrete mixer of not less than 0.6 cum capacity and appropriate weigh batcher as per approved lines and grades, textured with texturing machine, and curing including cost of all materials, labour,hire charges of machineries,all lead & lift charges etc., complete as per specifications mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing). & Spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished with floaters in a continuous operation including provision of contraction, expansion, construction and longitudinal joints,including groove cutting charges, joint filler, separation membrane of impermiable plastic sheet of 125 micron, sealant primer, joint sealant, admixtures as approved, curing compound, finishing -do- with - with OPC at 320 kg/cum and GGBS 40 kg/cum conforming to IS:12089,coarse aggregate 0.69cum, fine aggregate 0.46cum.								
	Cement Concrete Road								
	Vijalakshmi Badavane								
	1st Cross Road								
		1	4.00	3.40	3.40	3.40	0.15	2.04	
		1	2.20	1.10	1.20	1.15	0.15	0.38	
		1	2.20	1.10	1.10	1.10	0.15	0.36	
		1	26.30	3.17	3.30	3.24	0.15	12.76	
		1	1.20	3.30	4.20	3.75	0.15	0.68	
			35.90	**m**					
	2nd A Cross Road								
		1	9.30	3.60	2.90	3.25	0.15	4.53	
		1	31.00	3.90	4.40	4.15	0.15	19.30	
		1	3.30	5.00	5.00	5.00	0.15	2.48	
	Deduction of Man hole	-2	(0.9*0.9)/4				0.15	-0.19	
			43.60	**m**					
	4th Cross Road								
		1	11.00	5.30	4.60	4.95	0.15	8.17	
		1	7.00	3.90	4.40	4.15	0.15	4.36	
		1	10.70	4.40	4.80	4.60	0.15	7.38	

E.E. (D.D.)

CamScanner

			28.70	**m**				
Cross Road (T Shape Road)								
	1	20.00	4.60	3.80	4.20	0.15	12.60	
	1	3.90	2.40	3.00	2.70	0.15	1.58	
	1	13.60	2.60	2.00	2.30	0.15	4.69	
	1	14.60	3.24	2.20	2.72	0.15	5.96	
	1	14.00	2.80	1.90	2.35	0.15	4.94	
	1	6.20	4.40	4.00	4.20	0.15	3.91	
	1	11.40	3.30	1.75	2.53	0.15	4.32	
	1	6.20	2.30	1.60	1.95	0.15	1.81	
	1	7.90	2.90	2.50	2.70	0.15	3.20	
		97.80	**m**					
Bagalagunte Roads								
Rammandira Road								
From Bagagunte Main Road	1	15.00	4.50	3.60	4.05	0.15	9.11	
	1	15.00	3.60	3.45	3.53	0.15	7.93	
	1	15.00	3.45	4.40	3.93	0.15	8.83	
	1	15.00	4.40	4.00	4.20	0.15	9.45	
	1	15.00	4.00	4.40	4.20	0.15	9.45	
	1	13.00	4.40	6.00	5.20	0.15	10.14	
		88.00	**m**					
1st A Cross Road								
From Rammandira Road LHS	1	15.00	3.60	3.50	3.55	0.15	7.99	
	1	15.00	3.50	3.20	3.35	0.15	7.54	
	1	15.00	3.20	2.80	3.00	0.15	6.75	
		15.00	2.80	3.60	3.20	0.15	7.20	
		2.80	3.60	4.00	3.80	0.15	1.60	
		62.80	**m**					
1st B Cross Road								
From Rammandira Road RHS	1	15.00	5.60	5.10	5.35	0.15	12.04	
	1	4.40	5.10	5.00	5.05	0.15	3.33	
		19	**m**					
1st C Cross Road								
From Rammandira Road RHS	1	15.00	4.40	4.30	4.35	0.15	9.79	
	1	5.00	4.30	4.20	4.25	0.15	3.19	
		20	**m**					
Rammandira Road (Patch Work)								
	1	6.80	2.80	2.60	2.70	0.15	2.75	
	1	7.00	3.30	2.00	2.65	0.15	2.78	
		13.80	**m**					
1st D Cross Road								
From Rammandira Road LHS	1	15.00	7.10	6.00	6.55	0.15	14.74	
	1	15.00	6.00	5.50	5.75	0.15	12.94	
	1	15.00	5.50	5.40	5.45	0.15	12.26	

E.E. (D.D.)

CamScanner

	1	15.00	5.40	4.80	5.10	0.15	11.48	
	1	3.70	4.80	4.60	4.70	0.15	2.61	
		63.70	**m**					
11th Cross Road								
From Bagagunte Main Road	1	15.00	4.40	3.80	4.10	0.15	9.23	
	1	15.00	3.80	3.20	3.50	0.15	7.88	
	1	15.00	3.20	3.10	3.15	0.15	7.09	
	1	12.80	3.10	3.20	3.15	0.15	6.05	
		57.80	**m**					
1st Cross Road								
From 11th Cross Road LHS	1	15.00	3.10	3.60	3.35	0.15	7.54	
	1	15.00	3.60	3.40	3.50	0.15	7.88	
	1	6.40	3.40	3.30	3.35	0.15	3.22	
		36.40	**m**					
2nd Cross Road								
From 11th Cross Road RHS	1	15.00	3.60	3.20	3.40	0.15	7.65	
	1	0.20	3.20	2.90	3.05	0.15	0.09	
		15	**m**					
3rd Cross Road								
From 11th Cross Road LHS	1	15.00	3.00	3.00	3.00	0.15	6.75	
	1	15.00	3.00	3.50	3.25	0.15	7.31	
	1	7.00	3.50	3.40	3.45	0.15	3.62	
		37.00						
4th Cross Road								
From 11th Cross Road RHS	1	5.70	2.60	2.60	2.60	0.15	2.22	
	1	10.30	4.30	4.20	4.25	0.15	6.57	
		16	**m**					
12th Cross Road								
From 4th Cross Road	1	15.00	3.40	3.40	3.40	0.15	7.65	
	1	8.20	3.40	3.40	3.40	0.15	4.18	
		23	**m**					
1st Cross Road (Parallel to 16th Cross)								
From 12th Cross Road	1	15.00	3.40	3.30	3.35	0.15	7.54	
	1	15.00	3.30	3.50	3.40	0.15	7.65	
	1	17.00	3.60	3.80	3.70	0.15	9.44	
		47.00	**m**					
16th Cross Road								
From Parallel Road	1	15.00	3.40	3.40	3.40	0.15	7.65	
	1	15.00	3.40	3.40	3.40	0.15	7.65	
	1	15.00	3.40	3.20	3.30	0.15	7.43	
	1	15.00	3.20	3.30	3.25	0.15	7.31	
	1	15.00	3.30	3.30	3.30	0.15	7.43	
	1	15.00	3.30	3.40	3.35	0.15	7.54	
	1	15.00	3.40	3.70	3.55	0.15	7.99	

Clerk of Works
E.E. (D.D.)

Clerk of Works
E.E. (D.D.)

Clerk of Works
E.E. (D.D.)

CamScanner

		1	15.00	3.80	3.70	3.75	0.15	8.44	
		1	11.00	3.80	3.80	3.80	0.15	6.27	
			131.00	**m**					
		28th Cross Road							
From Bagagunte Main Road		1	15.00	5.00	4.60	4.80	0.15	10.80	
		1	15.00	4.60	4.40	4.50	0.15	10.13	
		1	15.00	4.40	4.40	4.40	0.15	9.90	
		1	15.00	4.40	4.10	4.25	0.15	9.56	
		1	15.00	4.10	4.60	4.35	0.15	9.79	
		1	15.00	4.60	4.20	4.40	0.15	9.90	
		1	15.00	4.20	4.80	4.50	0.15	10.13	
		1	15.00	4.80	4.20	4.50	0.15	10.13	
		1	7.60	4.20	4.60	4.40	0.15	5.02	
			127.60	**m**					
		21st Cross Road							
From Bagagunte Main Road		1	15.00	4.80	4.60	4.70	0.15	10.58	
		1	15.00	4.60	4.80	4.70	0.15	10.58	
		1	15.00	4.80	4.80	4.80	0.15	10.80	
		1	15.00	4.80	4.20	4.50	0.15	10.13	
		1	15.00	4.20	3.80	4.00	0.15	9.00	
		1	12.80	3.80	4.70	4.25	0.15	8.16	
			87.80	**m**					
		Opp to 26th Cross Road							
From Bagagunte Main Road		1	7.50	6.00	7.40	6.70	0.15	7.54	
		1	4.50	7.40	6.60	7.00	0.15	4.73	
		1	10.20	6.60	4.70	5.65	0.15	8.64	
		1	9.80	4.80	3.40	4.10	0.15	6.03	
			32.00	**m**					
		9th Main Road							
Maranna Layout		1	15.00	3.90	4.10	4.00	0.15	9.00	
		1	15.00	4.10	3.80	3.95	0.15	8.89	
		1	15.00	3.80	3.90	3.85	0.15	8.66	
		1	15.00	3.90	3.50	3.70	0.15	8.33	
		1	15.00	3.50	3.50	3.50	0.15	7.88	
		1	8.60	3.50	3.50	3.50	0.15	4.52	
			84	**m**					
		30th Cross Road (RHS)							
From Bagagunte Main Road		1	15.00	4.00	4.70	4.35	0.15	9.79	
		1	15.00	4.70	4.60	4.65	0.15	10.46	
		1	15.00	4.60	4.60	4.60	0.15	10.35	
		1	12.20	3.80	3.60	3.70	0.15	6.77	
			57.20	**m**					
	Patch Work	**25th Cross Road**							
	LHS	1	29.60	2.10	1.90	2.00	0.15	8.88	

E.E. (D.D.)

E.E. (D.D.)

			1	2.30	1.80	1.60	1.70	0.15	0.59
			1	2.50	1.20	1.20	1.20	0.15	0.45
			1	1.80	1.00	0.90	0.95	0.15	0.26
			1	11.40	0.80	0.70	0.75	0.15	1.28
			1	2.80	1.90	1.70	1.80	0.15	0.76
			1	2.70	0.30	0.40	0.35	0.15	0.14
			1	1.90	2.30	2.40	2.35	0.15	0.67
			1	1.20	0.80	0.90	0.85	0.15	0.15
			1	2.40	0.70	0.90	0.80	0.15	0.29
			1	3.90	1.20	1.00	1.10	0.15	0.64
			1	1.60	0.60	0.60	0.60	0.15	0.14
	Line Cross		1	2.40	0.30	0.35	0.33	0.15	0.12
			1	2.00	0.30	0.40	0.35	0.15	0.11
			1	2.20	0.20	0.30	0.25	0.15	0.08
	Toal Quantity								737.06 Cum
	Sanctioned Quantity As Per Schedule-B								737.05 Cum
	Quantity Carried to this bill								737.05 Cum

E.E. (D.D.)

Contractor

Asst.Executive Engineer